LFNG

Reactivity:Human Mouse

## Tested applications:WB IHC

Recommended Dilution:WB1:500-1:2000 IHC1:50-1:200
Calculated MW:42kDa
Observed MW:Refer to figures
Immunogen:
Recombinant protein of human LFNG

## Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH7.3.
Synonym:
SCDO3;

## Background:

This gene is a member of the fringe gene family which also includes radical and manic fringe genes. They all encode evolutionarily conserved glycosyltransferases that act in the Notch signaling pathway to define boundaries during embryonic development. While their genomic structure is distinct from other glycosyltransferases, fringe proteins have a fucose-specific beta-1,3-N-acetylglucosaminyltransferase activity that leads to elongation of O-linked fucose residues on Notch, which alters Notch signaling. This gene product is predicted to be a single-pass type II Golgi membrane protein but it may also be secreted and proteolytically processed like the related proteins in mouse and Drosophila (PMID: 9187150). Mutations in this gene have been associated with autosomal recessive spondylocostal dysostosis 3 . Multiple transcript variants encoding different isoforms have been found for this gene.

To place an order, please Click HERE.

Catalog \#:A7441
Antibody Type:
Polyclonal Antibody
Species:Rabbit
Gene ID:3955
Isotype:IgG
Swiss Prot:Q8NES3
Purity:Affinity purification

